

**APPENDIX B**  
**LANDFILL PERMIT**

**Clark County Health Department  
SOLID WASTE POST-CLOSURE PERMIT**

**Facility Name:**        **Leichner Landfill**  
**Facility Address:**    9411 NE 94th Ave  
                                Vancouver, WA 98662

**Facility Type:**        **Closed MSW Landfill**  
**ID Number:**         387

**Facility Owner:**      **Leichner Brothers Land Reclamation Corporation**  
                                P O Box 820588  
                                Vancouver, WA 98682-0013  
                                (360) 256-1892

**Facility Contact:**     **Craig Leichner**

---

The above noted parties agree to comply with Chapter 173-304 WAC "Minimum Functional Standards for Solid Waste Handling", Clark County Solid Waste Management Plan dated 2000, conditions of this permit and all state regulations including, but not limited to, water quality, air quality, dangerous waste, and noise. The above noted parties are hereby granted a post closure permit to monitor and maintain a closed municipal solid waste landfill.

This permit shall remain the property of the Clark County Health Department and may be suspended by the Health Officer or an authorized agent of the Health District. This permit may be revoked after an opportunity for hearing under Clark County Health Department Regulation No.90-01 upon violation by the holder of any applicable local or state rules and regulations.

The cover page of this permit shall remain on site and posted in an area clearly visible to the general public. Subsequent portions of this permit shall remain on site and shall be presented to authorized local or state authorities upon request.

***This permit is not transferable and must be renewed annually.***

Date of Issue: **March 1, 2005**

Date of Expiration: **February 28, 2006**

## **SECTION I            DESCRIPTION**

---

The permittee is required to monitor and maintain a closed landfill at the location listed below.

Section	4
Township	2N
Range	2
Section	33
Township	3N
Range	2E
Maximum area at closure: 70 Acres	

## **SECTION II           PERFORMANCE STANDARDS**

---

The permittee shall provide post closure activities to allow for continued facility maintenance and monitoring of air, land, and water as long as necessary for the facility to stabilize and to protect human health and the environment. The following standards of performance are the enforceable objectives of this permit:

1. The permittee shall not contaminate the groundwater underlying the landfill beyond the point of compliance.
2. The permittee shall not allow explosive gases generated by the facility in concentrations which exceed:
  - a. Twenty five percent of the lower explosive limit for the gases in facility structures (excluding gas collection recovery system components);
  - b. The lower explosive limit for the gases at the property boundary or beyond; and
  - c. 100 parts per million (ppm) by volume of hydrocarbons (expressed as methane) in off site structures.
3. The permittee shall not cause a violation of any ambient air quality standard at the property boundary or any emission standard from any emission of landfill gases, combustion or any other emission associated with a landfill.
4. The permittee shall not cause a violation of any receiving water quality standard or violate Chapter 90.48 RCW from discharges of surface runoff, leachate or any other liquid associated with a landfill.
5. If the performance standards of this section are not met, corrective actions, approved by the Clark County Health Department shall be designed and implemented and enforced on a time schedule set by the Health Department.

### **SECTION III      GENERAL PERMIT CONDITIONS**

---

1. All conditions of this permit must be followed for the permittee to remain in compliance. Compliance schedules must also be within the specified time period. The permit holder is responsible for all acts and omissions of all contractors and agents of the permittee.
2. Any duly authorized officer, employee, or representative of the Health Officer of the Health Department or Washington State Department of Ecology may enter and inspect the permitted facility at any reasonable time for the purpose of determining compliance with Chapter 173-304 WAC, Chapter 173-340 WAC, or the Clark County Solid Waste Management Plan dated 2000 and all subsequent updates of the WAC and plan.
3. As a general condition of this permit, the permittee must comply with Chapter 173-304 WAC and the Clark County Solid Waste Management Plan dated 2000 and all subsequent revisions. Where any conflicts between the two regulation are present, the more stringent regulation shall be in effect.
4. This permit or a valid copy shall be displayed or stored in a manner allowing easy access by operating personnel.
5. This permit is subject to suspension or revocation if the Clark County Health Department finds:
  - a. That the permit was obtained by misrepresenting or omitting any information that could have affected the issuance of the permit or will affect the current operation of the facility;
  - b. That there has been a significant change in the character of the solid waste or method of solid waste handling; or
  - c. That there has been a violation of any of the conditions contained in this permit.
6. This permit may be amended by the Health Department. More stringent restrictions may be imposed on the facility during the period the permit is valid. Amendments will be made in writing and become specific conditions of the permit.
7. Nothing in this permit shall be construed as excusing the permittee from compliance with any applicable federal, state or local statutes, ordinances or regulations.
8. Should any part, section, specific portion or provision of the Post Closure Permit issued by the Health Department to Lechner Brothers Land Reclamation Corporation (LBLRC) be found invalid by judicial process, the remainder of this permit will continue to be binding and in force.

## **SECTION IV POST-CLOSURE CONDITIONS**

---

The LBLRC shall perform all post-closure activities within the following conditions at all times, unless otherwise approved by the Health Department.

1. The closed landfill shall be maintained according to the approved Operations and Maintenance (O & M) Manual. Permittee must notify in writing the Health Department when any deviation or change in the O & M Manual is considered. An amendment to the permit is necessary by the Health Department for any significant changes to the O & M Manual.
2. Execute the environmental monitoring program outlined in this permit.

## **SECTION V REQUIRED ENVIRONMENTAL MONITORING**

---

### ***GROUNDWATER MONITORING PROGRAM***

Groundwater shall be monitored as required in the approved Compliance Monitoring Plan.

### **Gas Monitoring Program**

1. Monitoring Program
  - a. The gas monitoring probes shall be checked for levels of combustible gas, at a minimum, on a monthly basis in accordance with the Compliance Monitoring Plan.
  - b. The landfill gas shall be analyzed for the following parameters on an annual basis:
    - Methane
    - Carbon Dioxide
    - Hydrogen Sulfide
2. Inspections

Inspections shall meet the requirements of WAC 173-304-405(5). Procedures for conducting inspections shall be outlined in the O & M Manual.

## **SECTION VI      COMPLIANCE SCHEDULE**

---

The following requirements must be satisfied within 60 days of issuance of this permit:

### ***Operation and Maintenance Manual***

An updated O & M Manual shall be submitted to the Health District and to the Ecology Toxics Cleanup Program Southwest Region for review and approval. The plan must meet the requirements of WAC 173-304-407 and include:

1. Estimated time period for post closure activities;
2. Site operation, maintenance, and monitoring procedures for landfill gas and surface water control systems;
3. Deed clause changes, land use and zoning restrictions;
4. Maintenance activities to maintain cover and runoff systems;
5. Post closure care required for all required systems such as leachate collection and disposal or landfill gas collection; and
6. Anticipated equipment replacement needs and costs.
7. Gas probe monitoring as required in Section V.1.a.

### ***Compliance Monitoring Plan***

A ground water compliance monitoring plan shall be submitted to the Health Department and to the Ecology Toxics Cleanup Program Southwest Region, for review and approval. The compliance monitoring plan shall meet the requirements specified in WAC 173-304-490 and WAC 173-340-410.

### ***Reporting Requirements***

Progress reports shall be submitted to the Health Department and Ecology quarterly and include results of required environmental monitoring and all maintenance activities performed during the previous quarter. In addition, an annual report must be filed with the Health District and Ecology by March 1. The annual report can take the place of the fourth quarter report. The annual report shall summarize all post closure activities during the previous year, and include the results of the previous four quarters of environmental monitoring and the required statistical analysis.

## **SECTION VII FINANCIAL COMPLIANCE SECTION**

---

Leichner Brother Land Reclamation must comply with the terms of the revised Disposal Agreement executed by LBLRC, Clark County, and the City of Vancouver. This agreement must assure funds for post closure and compliance monitoring requirements, and for remedial action to address pollution in the event of landfill failure in accordance with WAC 173-304-467. Upon annual renewal, a demonstration of compliance with WAC 173-304-467 will be required.

## **SECTION VIII SPECIAL CONDITIONS**

---

1. Public access to the landfill shall be controlled as necessary to prevent unauthorized entry and/or solid waste disposal.
2. The permittee shall report to the Health District any changes in ownership of the disposal site property, or of the permittee's or operators name and address within ten days of such change.